

Converting Colors

Hex(49EFC7)

Have a look what the booklet for
Hex(49EFC7) contains.

Hex(49EFC7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(49EFC7)

Conversions

Conversions Part 1

Format	Color
Hex	49EFC7
RGB	73, 239, 199
RGB Percent	29%, 94%, 78%
CMY	0.7137, 0.0627, 0.2196
CMYK	0.69, 0.00, 0.17, 0.06
HSL	166°, 84%, 61%
HSV	166°, 69%, 94%
XYZ	43.9230, 67.2730, 64.7028
YIQ	184.8060, -86.0960, -47.6320

Conversions

Conversions Part 2

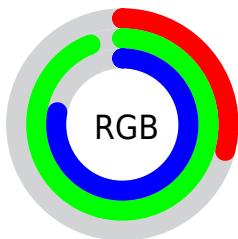
Format	Color
RYB	73, 167, 239
Decimal	4845511
CIELab	85.64, -51.55, 7.10
CIElCh	86, 52.033, 172.159
Yxy	67.2730, 0.2497, 0.3825
Android (android.graphics.Color)	4283035591 (0xFF49EFC7)
YUV	184.8060, 6.9976, -98.0539
Hunter-Lab	82.0201, -47.9459, 10.6422

Details

The Hex color **49EFC7** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **EF4971**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **8DFFFF**, and **00B691** is the 20% darker color. If you saturate the color by 10%, you get **31EFC1**, and if you desaturate by 10%, it is **61EFCD**.

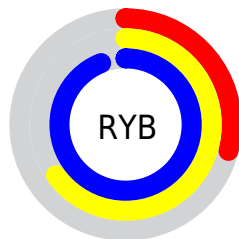
Distribution



Red (29%)

Green (94%)

Blue (78%)



Red (29%)

Yellow (65%)

Blue (94%)

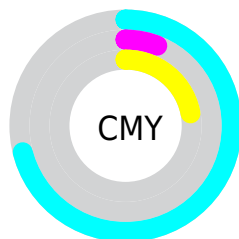


Cyan (69%)

Magenta (0%)

Yellow (17%)

Black (6%)



Cyan (71%)

Magenta (6%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49EFC7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 49EFC7 by changing the saturation by 10% instead.

 49EFC7

FFFFFF

 8DFFFF

 ACFFFF


 CBFFFF

 EBFFFF

 49EFC7

 14D2AC

 00B691

 009A78

 00805F

 006647

 004C31

 00341C

 001C02

 000000

 49EFC7

 49EFC7

 31EFC1

 61EFC7

 19EFBB

 79EFD3

 01EFB6

 91EFD8

 00EFB5

 A9EFDE

 C1EFE4

 D8EFEA

 F0EFEF

 FFEFF5

 FFEFFB

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97E998



49EFC7



00EFFA

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49EFC7



C7CEFF



FFBD8A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49EFC7



EF4971

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB0B4



49EFC7



FFBCFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49EFC7



6BDFFF



FFAFE5



FFCF73

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49EFC7



00EDFF



FFAFE5



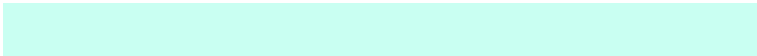
FFB896

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49EFC7



C9FFF2



72EF49



608078



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49EFC7



2BFFCC



49C5EF



6C7875



00B88B



00382B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EF4971



FF2B5E



EF7249



786C6F



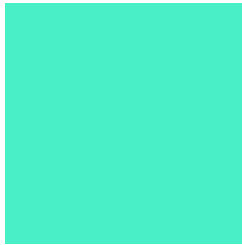
B8002C



38000E

Previews

White Background



This preview shows how the Hex color 49EFC7 looks on a white background.

Color Contrast Check

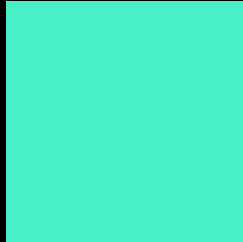
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 49EFC7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

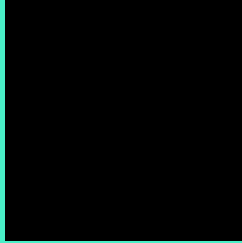
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

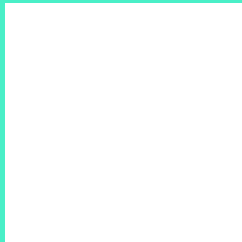
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 49EFC7 Background



This preview shows how black text looks on a background with the Hex color 49EFC7.

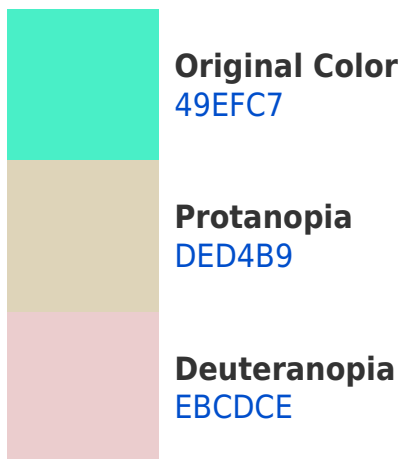


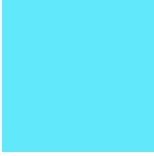
This preview shows how white text looks on a background with the Hex color 49EFC7.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
61E8FB

Trichromacy



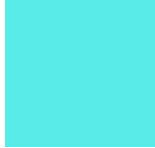
Original Color
49EFC7



Protanomaly
A8DEBE



Deuteranomaly
B0D9CB

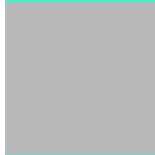


Tritanomaly
58EBE8

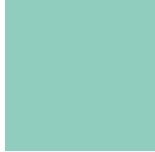
Monochromacy



Original Color
49EFC7



Achromatopsia
B9B9B9



Achromatomaly
90CDBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 49EFC7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #49EFC7 looks like.

```
.text, #text, p{  
    color:#49EFC7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #49EFC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49EFC7
}
```

Border

The CSS property to change the border of an element to Hex 49EFC7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49EFC7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#49EFC7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #49EFC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49EFC7; -webkit-box-shadow:4px 4px  
4px 4px #49EFC7; box-shadow:4px 4px 4px  
4px #49EFC7 }
```

Background

The CSS property to change the background color of an element to Hex 49EFC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49EFC7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#49EFC7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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